

Name \_\_\_\_\_

## Something Sweet

### Procedure:

We will begin by chewing a cracker *very slowly* and thinking about how the taste changes. Analyze your experience by answering these questions:

1. How did the cracker taste at first? \_\_\_\_\_
2. What substance did you taste after chewing the cracker  
\_\_\_\_\_
3. Where did the sugar come from?  
\_\_\_\_\_

Now follow directions carefully and build a model of sugar. Use the picture your teacher provides for a guide. Put colored toothpicks to show the bonds that store the energy.

Draw a picture of your model in this box. Put a key for gumdrop colors/molecules in the lower right corner.

Hydrogen = Oxygen = Carbon =
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1. What do the gumdrops represent?

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2. How do atoms act in the real world?

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3. What holds the molecule together?

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4. If the atoms weren't held together, what would happen?

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5. In this exercise you chewed a cracker. List all the ways the cracker changed as you chewed it:

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